Since mastery grading places incentive on student perseverance and since calculus demands that students overcome a wide array of technical and conceptual challenges, pairing mastery grading and calculus is natural. However, given that university calculus courses are a common candidate for coordination, calculus instructors may be offered too little wiggle room in their grading scheme to feel comfortable implementing a non-traditional grading method.

This fall, two coordinated sections of Calculus I were assigned to me. In spite of having discretion over only 10% of the overall grade, I decided to implement mastery grading. I did so in one of my sections, using a traditional points-based system in the other. Data regarding student progress, from pre-tests to weekly homework to chapter tests to the final exam, was collected. The results and my experiences provide the content for this talk. (Received September 09, 2018)